

# BETA 4 Instruction for Use

Beta offers supportive seating with an unrivalled range of adjustments.

BE4  
Age range 9+  
Max weight 80Kg


















Section 1 All Users	Pages 2 - 8 Safety Information
Section 2 Technical User	Pages 9 - 18 Physiotherapist, Occupational Therapist.
Section 3 Home User	Pages 19 - 20 Home or School Carer.
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*Note: BETA is a Prescribed Medical Device.  
To be used only with the guidance of Therapist or Prescribing  
Practitioner. Please read these instructions carefully before use.*


## IMPORTANT SAFEGUARDS

	<b>NEVER LEAVE CHILD UNATTENDED WHILE THEY ARE USING THIS PRODUCT.</b>
	Failure to follow instructions, especially with regard to moving parts may pose a risk to the user. <b>Always read instructions before use.</b>
	<b>Do not use</b> this product if you suspect it is faulty or broken. Contact Jenx Limited immediately for advice. +44 (0) 114 285 3376
	This product should be used on a level floor and <b>never</b> on raised or uneven surface. <b>Do Not use this product as a Mobility Device.</b>
	This product contains small parts which could present a choking hazard to small children.
	All Jenx Limited products are tested to current fire regulations. Always keep products away from naked flames, cigarettes and sources of heat. E.g. Radiators, Heaters etc.
	Jenx supply tools to adjust certain products. The tools are supplied for adjustments to be made by the therapist only. Store in a safe place. <b>Keep Away</b> from children. <b>Do Not</b> make adjustments, other than instructed to do so.
	<b>Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads.</b>
	Assemble product fully before use. Please contact Jenx Limited if you have any problems at this stage.
	Look after your product well, clean regularly and <b>do not use abrasive cleaners.</b>
	All belts and harnesses should be used at all times. For therapy purposes it may be necessary to deviate from this rule and any deviation should be fully documented as part of a Risk Assessment or Therapy Programme and all relevant staff and carers appropriately trained. Secure client with straps before adjusting product. Ensure finger's width between safety strap and client to prevent over tightening or client moving to inappropriate position. Adjust straps for each client and changes of clothing. Minimum Velcro overlap: 3 inches (7.5cm) on all straps. If strap is not long enough, <b>DO NOT USE PRODUCT</b>
	This product conforms to the European Medical Devices Directive. It has not been tested in conjunction with other manufacturers products. Do not add any accessories other than Jenx Limited accessories to this product. If in doubt, contact us for advice. +44 (0)114 285 3376
	When not in use store this product in a dry place that is <b>not</b> subject to extremes of temperature. E.g. Places <b>not</b> to store this product are attics or garden sheds.
	<b>Any service or repair carried out by persons other than a Jenx authorised service person will invalidate the guarantee and Jenx can accept no liability for any injury or damage so caused.</b>
	<b>Ensure your Therapist has signed the inspection log as "Set Up" before using the product. If this product has not been set up by your Therapist DO NOT USE THE PRODUCT</b>

## SAFETY LABEL

The **batch number** is written on the fire label (see picture below) which is located on the inside of the product body. Or in some instances on the underside of the seat. Please quote this number on all correspondence.

Batch number



**CARELESSNESS CAUSES FIRE JENX**

Batch/I.D.No. **NR99-12314S** PHONE: 0114 285 3376

To comply with the Furniture and Furnishings (Fire) (Safety) Regulations 1988:

this item does not require a Schedule 3 interliner,

all foams, fillings and composites have been tested by our suppliers to ensure compliance with the relevant, ignitability test.









covers and fillings are cigarette resistant.

covers are match resistant.

DATE OF MANUFACTURE

Further details are available from your retailer. **CE AUG-01**

Each Jenx product has a pictorial safety label attached. Refer to explanation below.

	Warning / Attention.
	Please read Instructions
	Only use indoors
	Always fasten and adjust positioning straps and belts to suit the child. Adjust to suit changes in clothing. Allow one fingers width between the belt and the child.
	<b>Do not leave child unattended</b>
	<b>DO NOT USE as a mobility device</b> Never use product on rough ground or uneven surface.
	Maximum user weight
	Conforms to CE Marking Regulations <b>Medical Devices Directive (MDD) 93/42 EEC</b>

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# CARE AND CLEANING INSTRUCTIONS

## Fabrics, Vinyl's and Cloth covers

1. Minor spills can be removed with kitchen roll and the area wiped with clean water.
2. Staining should be removed as quickly as possible after contact.
3. Do not rub, rubbing will spread the stain over a larger area and may distort the surface texture of the fabric.
4. For water based spills such as food, drink and vegetable oils, blot up the spill by applying pressure with non-coloured paper towels, tissues or dry absorbent cloths. Soak a small piece of cloth in a solution of mild detergent and warm water (use cold water for blood), using a small amount of the solution at a time and with a dabbing or blotting motion, work inwards from the edge of the stain to prevent it spreading. Do not over wet. Excessive soaking may cause rings on the surface spreading the stain further and may also damage the fabric or foam.
5. This step may need to be repeated and is dependent on the nature of the stain and the amount of staining present. Continue treatment until stain is removed, always remembering to remove excess moisture from the fabric prior to the next treatment.
6. Rinse by applying clear tepid water using a small piece of non-coloured sponge or clean white cloth, again working inwards from the edge of the treated area.
7. Disinfectants which do not contain organic solvents may be used according to the manufacturer's directions. Antibacterial spray or wipes can be used, be sure to dry the product before use.
8. Do not soak the fabric.
9. **Do not use organic solvents or dry cleaning fluids. Do not use abrasive cleaners.**
10. For disinfectant purposes, a small quantity of household bleach diluted with water (no more than 3% bleach) can be used, take care to rinse with water.
11. **Do not use** industrial bleaches such as Caustic Soda or Sodium Hypochlorite
12. Always ensure that the product is dry before use.

## Wooden Products and Parts

1. For deep cleaning a low pressure Steam Cleaner can be used.
2. **Do Not** use solvents of any kind to clean Jenx Products.
3. Soap and water or antibacterial spray can be used.
4. Check for breaks or splintering of the wood before re-issuing.
5. Daily cleaning: Spray polish or wax polish can be used.

## Metal Frames and Coated Parts.

1. For deep cleaning a low pressure Steam Cleaner can be used.
2. **Do Not** use solvents of any kind to clean Jenx Products.
3. Soap and water or antibacterial spray can be used.
4. Daily cleaning: wipe framework down with a damp cloth.

# MAINTENANCE

Daily Checks of the equipment should be carried out by carers. These checks are not technical but a basic understanding of the product is needed. Multiple daily checks may be needed in schools or therapy rooms where the products are used by multiple users.

## Daily Checks

- Replace any lost or worn washers or bolts.
- Check tray for damage. Ensure that the tray edging is secure and that the tray is clean and free of any rough or sharp corners.
- Check all upholstery for any signs of wear and tear.
- Brush Velcro® to remove fluff.
- Check wooden parts for splitting or splintering.
- Check straps for fraying and missing or broken buckles.
- Clean any stains or spillages.
- Contact Jenx Limited if any accessories not manufactured by Jenx Limited have been attached to the product. Unauthorised accessories may affect the safety of this product and invalidate your warranty.

We recommend that on a monthly basis a competent person who is familiar with this piece of equipment and who has been trained in its use should carry out a more detailed check

## Monthly Checks

- Check all nuts and bolts are secured and that none is missing.
- Check all mechanical movements operate fully.
- Check the structure of the product for signs of fatigue or splintering.
- Castors: Lift base and check each wheel to ensure it is not loose or worn. Remove any grease or dirt that has built up on the wheels, check that the brake stops the wheels rotating (where applicable).
- Check gas springs for creep by placing a weight on the chair at the highest setting, (simulating the child) and leave for 1 hour. If the product has reduced significantly in height contact our Customer Service Department for advice.

Please ensure the name of the therapist who recommended the equipment is noted on the check/inspection log, along with the competent person who has been trained in the use of the equipment. Please also ensure that this is updated for changes in staff. Please note any "Set up" procedures should always be recorded.

# PRODUCT INDUCTION and HAND OVER

This product is a Prescribed Medical device as such it is important that all users understand the use and adjustments this product offers. This booklet shows the range of adjustments and gives guidelines for each type of user to follow.

## Technical users

*This section refers to Physiotherapist, Occupational Therapist.*

Ensure you read all sections in this booklet and are fully familiar with all adjustments. As well as the selection, prescription and set up of the product to suit the child's needs. The technical user has the responsibility for the induction of the Home User or Carer, ensuring that the Home user has:

- Familiarity with the product. What to use and what not to use.
- Understanding of the care and cleaning procedures.
- Understanding the safety aspects of the product.

A formal handover procedure should be adopted for this product. Use the recording sheet at the rear of this booklet to record set ups and changes to the product. Jenx Limited offer **Product Courses** for Technical Users please contact us for more information.

## Home User

*This section refers to Home or School Carer.*

This product is a Prescribed Medical device it should only be used with the guidance of a Physiotherapist or OT. Do not perform any other adjustment than instructed to do so.

The Home User section of this guide gives the adjustments needed to aid the daily use only. Any other adjustments are only to be performed by the therapist.

## Re-Issue

*This section refers to Stores Personnel.*

Stores personnel must follow the checks and maintenance guide before re issue. The MHRA release regular bulletins regarding product updates and issues, these should be regularly monitored.

- Records should be kept on all products serviced or re-issued. Repairs or replaced parts should be traceable.
- The batch number identifier should always stay with the product and never be removed.
- Instructions should always be issued with the product. Copies are available from Jenx limited or can be downloaded from [www.jenx.com](http://www.jenx.com)
- Technical users should always be informed when a product is issued to a home for set up purposes.
- If the product is to be redelivered ensure adequate and secure packaging is used.
- If in any doubt to the safety of this product do not issue, contact Jenx Limited for advice.

Jenx Limited offer **Stores Courses** for Stores Personnel. The course gives guidance for:

- Maintenance
- Inspection the products
- Regulatory information
- Cleaning

Please contact us for more information.

# SPECIFICATIONS

Measurement	Beta 4	
	<u>MIN</u>	<u>MAX</u>
Seat to floor	455	640
Seat length	270	300
Seat to headrest	600	750
Seat to armrest	0	250
Tilt-in-space (prone /recline)	5°	22°
Back column angle (prone / recline)	15°	30°
Tray size	700 x 700	
Thoracic pad width	230	315
Hip width	240	375
Lower leg length	235	480
Back height	450	625
Overall product height	1055	1390
Footprint	660 x 770	
Max weight of child	80Kg	
Overall product weight	57kg	

## WARRANTY

Jenx Limited warrants that the goods manufactured by Jenx Limited will be free from defects in material and workmanship for a period of 24 months\* from the date of purchase.

Jenx Limited has sole obligation under this warranty to repair or replace, at our discretion for any part or goods proving defective within the terms of this period. The buyer must provide immediate notice of the claimed defect.

Jenx Limited reserves the right to inspect the part or goods at the buyer's premises.

In the event of an exchange or return, where a certain model under this warranty is discontinued, Jenx Limited reserves the right to replace with a new model of a similar quality and price.

The warranty does not cover the product for repair or replacement due to failure or damage through; abuse, neglect, accident, improper repair, exposure to corrosive or abrasive material, weather, failure to follow care and cleaning instructions or alterations or modifications carried out by any person other than a Jenx Limited authorised person.

\*For purchases placed on or after the 1st January 2006. Previous purchases will have 12 month warranty from date of purchase

# BETA 4 Instruction for Use

**Read the All User Section first.** The adjustments contained in the Red Section of this booklet should only be carried out by a suitably trained Therapist or Prescribing Practitioner.

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# Assembly

To attach the back post, ensure that the seat is in the forward position. Line up the holes on seat base bracket Fig 1 with the holes in the back column. Place the metal washer over the screw and push it through the top hole of the seat base bracket and through the back column bracket until it comes all the way through, repeat with the bottom hole Fig 2. Finger tighten the bolts on the screws and using the 5mm Allen key and the 13mm spanner tightly secure both bolts Fig 3



Finger tighten the screws until all the screws line up with the holes, before fully securing, **DO NOT** force the screw as this may cause the screw to cross thread.



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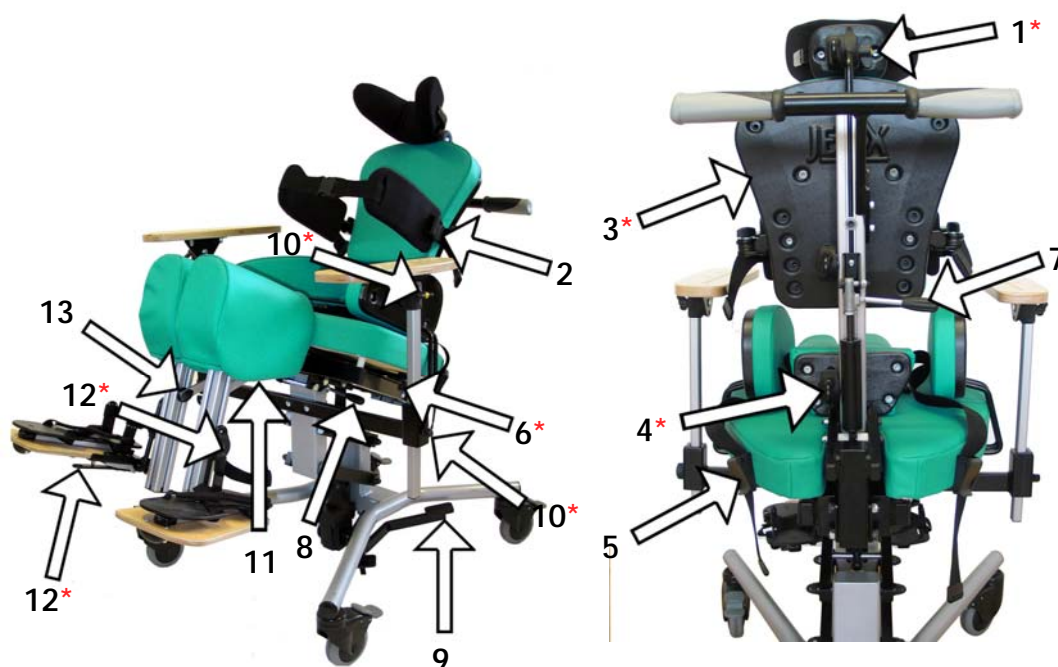
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# Main Areas of Adjustment

POSITIONING SUGGESTIONS GIVEN IN THIS SECTION SHOULD BE TREATED AS A GUIDE ONLY. YOU SHOULD ALWAYS CONSULT YOUR THERAPIST OR MEDICAL PRACTITIONER BEFORE USING THIS PRODUCT.

1. **Headrest:** This can be adjusted for height, angle, width and depth.
2. **Chest strap and thoracic pads:** The chest strap can be adjusted for length and the thoracic pads can be adjusted for height and width.
3. **Upper back pad:** This can be set for height, angle and depth.
4. **Lumbar support pad:** This can also adjust for height, angle and depth.
5. **Lap strap:** Adjusts for length.
6. **Hip pads:** These adjust for width and angle.
7. **Back column angle:** This adjusts 15° forward and 30° backward from vertical.
8. **Tilt-in-space:** The chair can be tilted backwards (up to 20°).
9. **Height adjustment pedal:** The pedal sets the overall height of the chair.
10. **Arm rests and tray:** These can be raised, lowered and adjusted for angle.
11. **Abduction seat:** The 2 sides of the seat can be adjusted independently to control abduction and adduction.
12. **Footplates and sandals:** These can be raised, lowered or angled. They can also be flipped out of the way when not needed.
13. **Leg angle:** The angle of the leg can be adjusted



\* Please note: do not loosen the clamp by more than 2 full turns as this may cause the clamp to detach from the chair. After tightening the clamp, move the adjustment to check that the teeth have locked together securely. If not, tighten further.



Always secure the child by using all of the positioning straps and safety straps provided. Velcro should overlap by at least 3 inches (7.5 cm) on all straps before you begin to make any other adjustments. Ensure the safety strap and positioning strap are adjusted for each child and for changes of clothing.



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# Making & Using the Adjustments

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## The headrest

### HOW?

To angle the headrest up or down and to move it forwards and backwards, loosen the clamp shown in Fig 4 with the Allen key by no more than 2 turns. Adjust as necessary and re-tighten clamp.

The shape of the headrest can be altered by adjusting the 2 bars with the yellow ends; loosen the screws at the back of the pad, slide the bar to the required position and re-tighten the screws. If pulled too far, the bar may detach from the headrest, if this happens, simply re-insert and tighten screw.

If you need more height for the headrest, loosen the screw shown in Fig 5 by no more than 2 turns, raise the headrest to the desired height and re-tighten the screw. The headrest can also be removed completely if necessary by the same method.

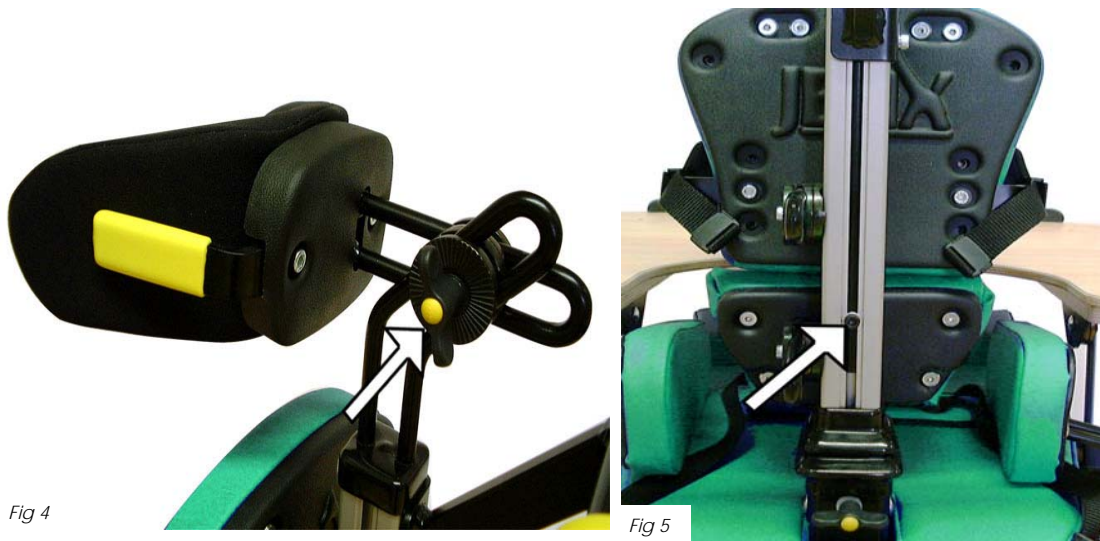


Fig 4

Fig 5

### WHY?

The headrest should be positioned to stop the child's head from falling by giving it control from the side and back. For children with good head control you may wish to remove the headrest altogether. If the child's head tends to turn to one side you may only need to use one half of the headrest and leave the other side more open.



**Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads. Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**



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## The chest strap & thoracic pads

### HOW?

The chest strap length can be adjusted easily using the Swiss lock buckles Fig 6. The thoracic pad height can be adjusted by moving the thoracic pad bar into the appropriate channel. Simply remove the screw in Fig 7, move the thoracic pad bar to the required height and re-insert the screws in the relevant holes to lock the bars in place.



Fig 6

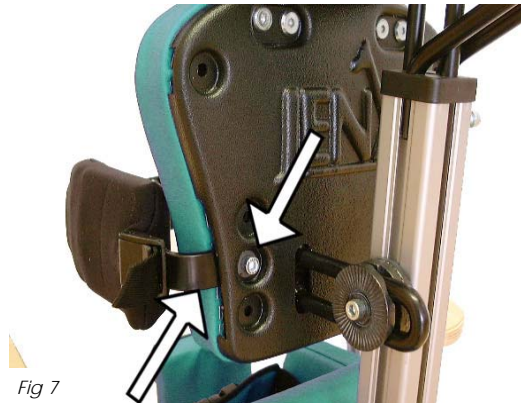


Fig 7

### WHY?

The strap and pads have been designed to mould around your child's upper trunk to offer maximum support when seated. They should fit snugly around your child's upper body and be secure but not too tight. If your child needs specific support in certain areas, please consult your therapist for advice.

## The upper back pad

### HOW?

The upper back pad can be adjusted by loosening the clamp Fig 8 with the Allen key. Set the height, depth and angle as required and re-tighten the clamp.

### WHY?

The upper back pad provides a firm support for your child's back. In conjunction with the lumbar support pad, you can use it to manage the posture of your child and correct any kyphosis or extension.



Fig 8



**Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads. Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**



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## The lumbar support pad

### HOW?

The lumbar support pad can be adjusted by loosening the clamp with the Allen key as shown in Fig 9. Set the height, depth and angle as required and re-tighten the clamp.

### WHY?

The lumbar support pad helps to support and maintain the correct position of the pelvis. By making sure that this pad is set correctly your user's posture can be managed more effectively.



Fig 9

## The lap strap

### HOW?

Adjust the lap strap length using the Swiss lock buckles as shown in Fig 10 and secure with the large black buckle at the front. The fabric pad should come between the user and the buckle to make it more comfortable.

**Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**

Note: Always route this strap under the hip pads



Fig 10

### WHY?

The lap strap is used to secure your user's hips in position and prevent them sliding forwards.

## The hip support pads

### HOW?

The width and angle of the hip support pads can be adjusted by loosening the wing nut underneath the seat Fig 11. Using the same method the hip pads can also be moved backwards and forwards.

### WHY?

The width of the hip support pads should be set depending on the size of the user. The angle of these pads will help to keep your user's hips in a position with the correct amount of abduction or adduction.



Fig 11



**Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads. Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**



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## The back column angle

**HOW?** To adjust the angle of the back column, simply pull the lever Fig 12 upwards and the back column will move forwards, to bring the back column back, keep the lever pulled up, while pulling the handlebars back.

### **WHY?**

Setting the back angle independently of the seat allows you to control the angle of the hips. For users with an extensor thrust, you have the facility to close the angle and achieve the right posture. For users with low tone however, you can open up this angle to offer more support to their upper body and head.

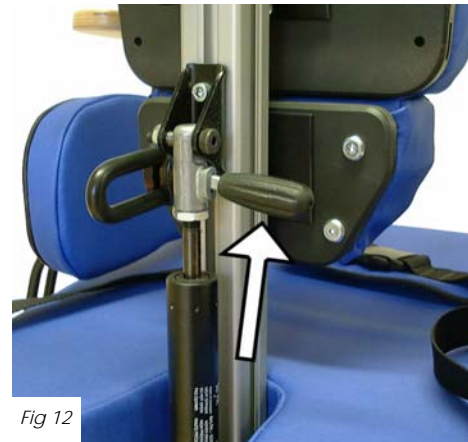


Fig 12

## Tilt-in-space

### **HOW?**

To alter the angle of the chair, push the lever underneath the seat and set the chair to the required position Fig 13. Releasing the lever will lock the chair in that position. Tilt-in-space keeps the user's position exactly the same within the chair.

### **WHY?**

By altering the position of your child in space, you can help them to perceive the environment that surrounds them in different ways and thereby help their cognitive development. By putting the chair into prone you may improve your child's head control and arm function.



Fig 13



Clear all items from the tray before adjustment.  
**Do not use** hot or cold drinks on the tray while in the angled position.



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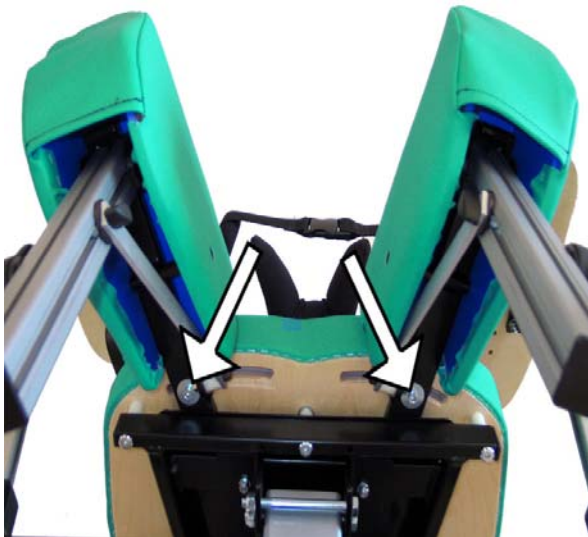
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## The abduction seat

### HOW?

Loosen the two bolts that hold the two halves of the seat in position Fig 14. Pull the two halves of the seat apart until the desired position is reached and then tighten the bolts securely. One of the beauties of Beta is that you can have different angles of abduction for each hip.



### WHY?

Sitting in an abducted position encourages a child's hips into a position which not only provides a secure base but also a position where the growth of the hip will be towards a better shape for both the head of femur and the acetabulum. This is very important where a child has, or is developing, a deformity of the hip on one side.

In a child with a windswept deformity you may wish to increase the angle on the side where the child normally adducts to encourage the abduction of the hip. Take care that you correct any rotation of the pelvis or spine when positioning the child.

Abduction can also be used to break spastic pattern in the legs and give a child a chance to sit without spasm causing their legs to "scissor" across one another. A wide, comfortable base also gives better balance, confidence and therefore function in sitting. Do not tilt the child's pelvis too far forward in sitting as this will encourage an increased lordosis and will not have the desired beneficial effect on their general posture and muscle tone.

Many children with spasm find that they are able to sit with less firm trunk support once they are released from the effects of the spasm in their legs.



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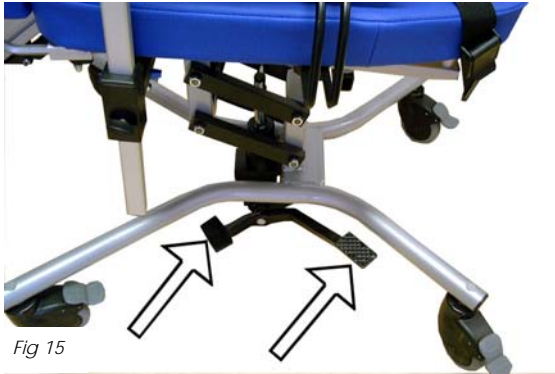
# Making & Using the Adjustments

POSITIONING SUGGESTIONS GIVEN IN THIS SECTION SHOULD BE TREATED AS A GUIDE ONLY. YOU SHOULD ALWAYS CONSULT YOUR THERAPIST OR MEDICAL PRACTITIONER BEFORE USING THIS PRODUCT.

## Adjusting the chair height

### HOW?

**When the chair is empty: Lowering:** While pushing down on the foot pedal Fig 15, firmly apply pressure on the centre of the seat Fig 16



## The armrests & tray

### HOW?

To adjust the height of the armrest, simply loosen the wing nut at the side of the seat Fig 19, set the height and re-tighten the wing nut. To alter the angle, loosen the wing nut with the yellow centre Fig 20, set the angle and re-tighten the wing nut.



To attach the tray, ensure the black tabs are horizontal Fig 19 and the arm rests are both at the same height and angle. Place the plastic nuts on the underside of the tray into the required holes. The tray can then be locked in place by rotating the bars to grip underneath the arm rest. **Ensure both plastic nuts are located in the holes before locking the tray.**

### WHY?

You would set the height and angle of the arm rest depending on the requirements of the user. Altering the angle of these arm rests will also be necessary when setting the angle of the tray.



**Clear all items from the tray before adjustment. Do not use hot or cold drinks on the tray while in the angled position.**



You may find it easier to slightly loosen the yellow capped wing nuts before attaching the tray as the pressure of the tray will help to level the arm rests, but remember to re-tighten the wing nuts.



**Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads. Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**



**Never Leave your child unattended while using this product**



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## The Foot post, Footplate and Sandals.

**HOW?** To adjust the leg angle loosen the black wing nut Fig 20 and either push the foot post forwards or backwards depending on the required angle. Once the post is set at the required angle fully tighten the wing nut. To set the height and angle of the footplate, loosen the clamp shown in Fig 21 with the Allen key, set the footplate to the required position and re-tighten the clamp. By loosening the wing nut underneath the sandal as shown in Fig 22 you can position the sandal anywhere on the surface of the footplate and you can also rotate it to any angle.

If the footplates are not required they can be flipped up out of the way by pulling plastic eye Fig 23 away from the chair and pointing footplate upwards.



**CAUTION:** Do not loosen the bolt in Fig 21 by more than 2 full turns as this may result in the footplate becoming detached from the chair.



### WHY?

You can set the foot post, footplate and sandals to suit the user's specific therapeutic needs. You can create plantar flexion/dorsi flexion, internal and external rotation and thereby correct the position of the feet.



**Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads. Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**



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# BETA 4 Instruction for Use

**Read the All User Section first.** The adjustments contained in the Light Blue Section of this booklet should be carried out by a competent person.

BE4  
Age range 9+  
Max weight 80Kg



Section 1 All Users	Pages 2 - 8 Safety Information
Section 2 Technical User	Pages 9 - 18 Physiotherapist, Occupational Therapist.
Section 3 Home User	Pages 19 - 20 Home or School Carer.
Section 4 Re-Issue	Pages 21 - 25 Stores Personnel.



*Note: Beta 4 is a Prescribed Medical Device.  
To be used only with the guidance of Therapist or Prescribing Practitioner. Please read these instructions carefully before use.*

# Making & Using the Adjustments



Your Therapist has set the adjustments for this product to suit your child. The adjustments given in this section are to aid the daily use only. Your therapist will make any adjustment necessary. **Do not make any other adjustment.**

## The lap strap

### HOW?

Adjust the lap strap length using the Swiss lock buckles as shown in fig 1 and secure with the large black buckle at the front. The fabric pad should come between the user and the buckle to make it more comfortable.

**Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**

Note: Always route this strap under the hip pads.



Fig 1

### WHY?

The lap strap is used to secure your user's hips in position and prevent them sliding forwards.



**Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads. Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**

## The chest strap & thoracic pads

### HOW?

The chest strap length can be adjusted easily using the Swiss lock buckles Fig 2.



Fig 2

### WHY?

The strap and pads have been designed to mould around your child's upper trunk to offer maximum support when seated. They should fit snugly around your child's upper body and be secure but not too tight. If your child needs specific support in certain areas, please consult your therapist for advice.

Ensure that the padded section of the chest strap is in the middle of the child's chest so that they are supported with pressure in mid-line. This will encourage the child to sit straight. Ensure two fingers space between the thoracic supports and the child's armpit and a finger width from the child.



**Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads. Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**



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# Making & Using the Adjustments

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## Adjusting the chair height

### HOW?

**When the chair is empty: Lowering:** While pushing down on the foot pedal Fig 15, firmly apply pressure on the centre of the seat Fig 16

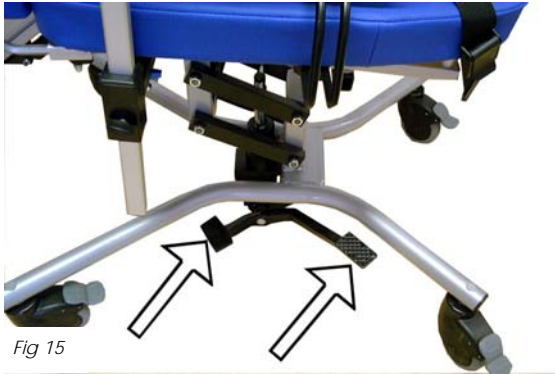


Fig 15



Fig 16

## The armrests & tray

### HOW?

To adjust the height of the armrest, simply loosen the wing nut at the side of the seat Fig 19, set the height and re-tighten the wing nut. To alter the angle, loosen the wing nut with the yellow centre Fig 20, set the angle and re-tighten the wing nut.



Fig 17

Fig 18



To attach the tray, ensure the black tabs are horizontal Fig 19 and the arm rests are both at the same height and angle. Place the plastic nuts on the underside of the tray into the required holes. The tray can then be locked in place by rotating the bars to grip underneath the arm rest. **Ensure both plastic nuts are located in the holes before locking the tray.**

### WHY?

You would set the height and angle of the arm rest depending on the requirements of the user. Altering the angle of these arm rests will also be necessary when setting the angle of the tray.



Clear all items from the tray before adjustment.  
**Do not use** hot or cold drinks on the tray while in the angled position.



You may find it easier to slightly loosen the yellow capped wing nuts before attaching the tray as the pressure of the tray will help to level the arm rests, but remember to re-tighten the wing nuts.



**Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads. Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**



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# Making & Using the Adjustments

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## The abduction seat

### HOW?

Loosen the two bolts that hold the two halves of the seat in position Fig 14. Pull the two halves of the seat apart until the desired position is reached and then tighten the bolts securely. One of the beauties of Beta is that you can have different angles of abduction for each hip.

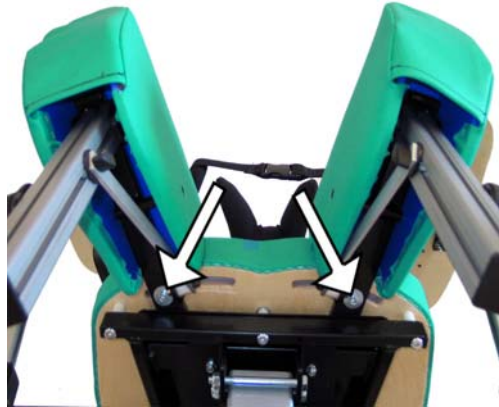
### WHY?

Sitting in an abducted position encourages a child's hips into a position which not only provides a secure base but also a position where the growth of the hip will be towards a better shape for both the head of femur and the acetabulum. This is very important where a child has, or is developing, a deformity of the hip on one side.

In a child with a windswept deformity you may wish to increase the angle on the side where the child normally adducts to encourage the abduction of the hip. Take care that you correct any rotation of the pelvis or spine when positioning the child.

Abduction can also be used to break spastic pattern in the legs and give a child a chance to sit without spasm causing their legs to "scissor" across one another. A wide, comfortable base also gives better balance, confidence and therefore function in sitting. Do not tilt the child's pelvis too far forward in sitting as this will encourage an increased lordosis and will not have the desired beneficial effect on their general posture and muscle tone.

Many children with spasm find that they are able to sit with less firm trunk support once they are released from the effects of the spasm in their legs.



## Tilt-in-space

### HOW?

To alter the angle of the chair, push the lever underneath the seat and set the chair to the required position Fig 13. Releasing the lever will lock the chair in that position. Tilt-in-space keeps the user's position exactly the same within the chair.

### WHY?

By altering the position of your child in space, you can help them to perceive the environment that surrounds them in different ways and thereby help their cognitive development. By putting the chair into prone you may improve your child's head control and arm function.



Fig 13



Clear all items from the tray before adjustment.  
**Do not use hot or cold drinks on the tray while in the angled position.**



**Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads. Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.**



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# Making & Using the Adjustments

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## The footplates & sandals

### HOW?

The footplate may need adjusting for changes of footwear. Only adjust the height of the footplate to compensate for the thickness of the sole of the child's shoe.

To set the height and angle of the footplate, loosen the clamp shown in Fig 27 with the Allen key, set the footplate to the required position and re-tighten the clamp.

If the footplates are not required they can be flipped up out of the way by pulling the lever Fig 30 and lifting the footplate upwards.

### WHY?

Adjust the footplate to support the child's leg with the foot flat. The sandals can be moved on the footplate to hold the child's feet. The most common position for feet is directly below the knees.



Fig 27



Fig 30



**CAUTION:** Do not loosen the bolt in Fig 27 by more than 2 full turns as this may result in the footplate becoming detached from the chair.



Secure the child by using the 45° pelvic strap before you begin to make any other adjustments. Ensure the belt is adjusted for each child and for changes of clothing. Ensure the straps are routed under the hip pads. Ensure a fingers width between the belt and the child to prevent over tightening or the child moving to an inappropriate position.



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# BETA 4 Instruction for Use

The maintenance contained in the Dark Blue Section of this booklet is to be carried out by competent stores personnel. Fitting and adjustments have not been included in the section if needed refer back to the Red Technical User section.

BE4  
Age range 9+  
Max weight 80Kg



Section 1 All Users	Pages 2 - 8 Safety Information
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*Note: Beta 4 is a Prescribed Medical Device.  
To be used only with the guidance of Therapist or Prescribing Practitioner. Please read these instructions carefully before use.*

## INSPECTING AND RE-ISSUING

Jenx Limited products are usually assessed for an individual client therefore the following points must be adhered to prior to re-issuing of any Jenx products.

1. Check with issuing Therapist that the Product is standard and no Special attachments or modifications have been made.  
If modifications have been made contact Jenx Limited for advice.
2. Check that the product has been fully cleaned, taking into account the condition of the fabric and the foam inside.
3. Check that all hand wheels and levers are in good condition and fitted securely.
4. Check the product and any accessories fully for any sign of wear and tear, or distortion.
5. Check that all the functions of the product are working correctly e.g. tilt, height adjustment or back recline, etc
6. Always ensure that the Instruction for Use stay with the product and are passed onto the new user. For new sets of instructions please contact our Sales Support Department on 0114 285 3376 or visit [www.jenx.com](http://www.jenx.com)
7. If the product is being delivered, always ensure that the product is packed securely.

Follow the inspection guide on the opposite page.

Fill in the Inspection/Check Sheet to record all services and repairs to the product. Use extra pages if required, extra sheets are available from Jenx Limited website. [www.jenx.com](http://www.jenx.com)

Consider Jenx **ServiceLine** as an alternative to in house maintenance and repair prior to reissue. Details are included in this booklet.

# INSPECTING AND RE-ISSUING

Stores should follow the Medicines and Healthcare products Regulatory Agency (MHRA) guidelines for the recording, issuing, servicing or repairing of products in their charge. Check the MHRA website for the latest bulletins, [www.mhra.gov.uk](http://www.mhra.gov.uk)

## 1. Structure

Is the product Structurally sound, no wobbles or lose parts?

## 2. Safety

Is the Product safe and fit for use?

## 3. Straps

Are the straps in good condition and not showing signs of wear?

## 4. Stability

Is the product stable on an even surface, no rocking?

## 5. Screws, Nuts and Bolts

Are there nuts and bolts missing or damaged?

## 6. Swivels, castors

Are the castors in good order? Do swivels and brakes work?

## 7. Springs

Do all gas springs work and hold pressures and weight?

Test by weighting the product with the maximum user weight and leaving for one hour.

## 8. Sandals

Are the sandals in good condition? Do straps and Velcro show no signs of wear?

## 9. Seats, backs and upholstery

Is the upholstery in good clean condition with no rips, wear or gaping of the cushions?

## 10. Steel and wood work

Is the steel and wood work in good order? Check for bends splinters or breaks.

If there is any doubt about the safety of a Jenx Limited product, do not hesitate to contact our Sales Support Department for advice.

# SERVICELINE

## What is Serviceline?

Serviceline is the answer to the re-issue question, giving extra life to products from user to user guaranteed.

## What are the benefits of the Serviceline Package?

Products re-issued through Serviceline will receive a further guarantee, along with a certificate of re-issue. This means that the pressure upon Loan Stores to guarantee that the products re-issued are safe, is removed by gaining the original manufacturer's certified approval for re-use.

To maintain our high level of service and ensure all products conform to our stringent quality systems, products returned to Serviceline must have a clearly visible batch number.

All Serviceline products are returned to Jenx for thorough tests and inspections that include: Structure, Mechanics, Mobility, Upholstery and Fixings.

If inspection shows missing or broken parts other than those covered by the Serviceline package as shown below, we will submit a quotation for approval to cover the extra work.

Jenx Limited is committed to providing a prompt service via Serviceline and asks that customers approve quotations rapidly to ensure return of a product within 10 working days. When the work is completed the product will be returned with the new guarantee.

Prices are available on request  
**(Inspection, testing, replacement of missing fixings, six month guarantee)**

Example of quoted items, not covered by the Serviceline package:  
Wood or steel structure, Gas springs, castors, upholstery and covers, pads and supports

### Please note:

- **For Safety and Hygiene, Products must be cleaned before they are returned to Jenx Limited.**
- **We cannot collect from private addresses.**
- **Products over 10 years old are not covered by Serviceline.**

# SERVICELINE



## How does it work?

**You** provide an order to Serviceline for your product



**We** send you packing materials



**You** pack product and call us when it is ready



**We** send couriers to collect your product and bring it back to Jenx Limited



**We** will give it a full mechanical overhaul including: replacement of any missing **Bolts/Screws/Washers**



If necessary, we will quote you for any other repairs or replacements that are required. The quote will be broken down into '**Mandatory**' work, which has to be done to make the product safe, cosmetic work, and work required to bring the product to original specification



When the quotation is approved the product will be returned via courier on completion of the work.



You will receive the product, an additional instruction booklet, a signed and dated 'work done' checklist and a guarantee that the product is complete and suitable for use



